

**Amendments to the Specification**

Please add the following paragraph between the title and the first line of text as follows:

This is a Continuation of Application No. 09/889,305 filed July 16, 2001, which in turn is the U.S. National State of International Application No. PCT/GB00/04403 filed November 17, 1999. The entire disclosure of the prior applications is hereby incorporated by reference herein in its entirety.

Please amend the Specification as follows:

Page 1, between lines 1 and 3, new headings are added.

**BACKGROUND OF THE INVENTION**

1. **Field of the Invention**

Page 1, between lines 10 and 11, a new heading is added.

2. **Description of Related Art**

Page 2, between lines 18 and 19, a new heading is added.

**SUMMARY OF THE INVENTION**

Page 4, between lines 10 and 12, a new heading is added.

**BRIEF DESCRIPTION OF THE DRAWINGS**

Page 4, between lines 24 and 25, a new heading is added.

**DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS**

Please replace the paragraph located at page 5, lines 14-18, with the following rewritten paragraph:

Further mechanical and optical details of an example of such an apparatus are described in European Patent Application No. 00303749.6 (~~which is hereby incorporated into this specification by reference~~) and are not therefore reproduced here.

Please replace the paragraph located at page 7, lines 3-5, with the following rewritten paragraph:

To centre the trigger signal in the time interval  $t_2$ ,  $t_2$  is set at  $t_1 + \frac{1}{2}t$  which must be equal to 60ms, where t is the variation in  $t_1$  or 3ms. Thus  $t_1$  was actually set at 58.5ms.

Please add the Abstract as attached hereto.